LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
Data File : BM018697.D
Acq On : 30 Jan 2019 16:00
Operator : JU/SJ
Sample : K1282-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-AB

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	298	303	312	rVB	269108	371481	3.19%	0.450%
2	5.310	372	378	391	rBV	5179044	7413325	63.64%	8.980%
3	6.899	640	648	663	rBV	4940202	7837243	67.28%	9.494%
4	7.257	701	709	723	rBV	5520255	8517125	73.11%	10.317%
5	7.722	781	788	795	rBV	967198	1498484	12.86%	1.815%
6	8.040	835	842	859	rVB	4299037	6726849	57.74%	8.149%
7	8.893	978	987	1003	rBV	2899574	4882532	41.91%	5.915%
8	10.510	1255	1262	1276	rBV	1141667	1925586	16.53%	2.333%
9	12.986	1676	1683	1696	rBV	7466440	10950633	94.00%	13.265%
10	13.833	1821	1827	1835	rBV	199940	300073	2.58%	0.364%
11	14.375	1911	1919	1933	rBV2	1397907	2267536	19.46%	2.747%
12	15.869	2166	2173	2192	rBV	5147020	7168521	61.54%	8.684%
13	17.121	2380	2386	2392	rBV2	1703555	2355390	20.22%	2.853%
14	18.010	2532	2537	2548	rBV	539255	811842	6.97%	0.983%
15	19.298	2751	2756	2759	rBV	216179	329230	2.83%	0.399%
16	19.757	2828	2834	2842	rBV	9444840	11649310	100.00%	14.112%
17	21.015	3044	3048	3054	rBV	848911	974256	8.36%	1.180%
18	21.315	3094	3099	3109	rBV	2156710	2751265	23.62%	3.333%
19	22.356	3274	3276	3283	rVB	213843	237185	2.04%	0.287%
20	22.868	3360	3363	3370	rBV2	236265	330467	2.84%	0.400%
21	23.586	3479	3485	3499	rVB	1602636	3252341	27.92%	3.940%

Sum of corrected areas: 82550674

LSC Report - Integrated Chromatogram

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Misc :
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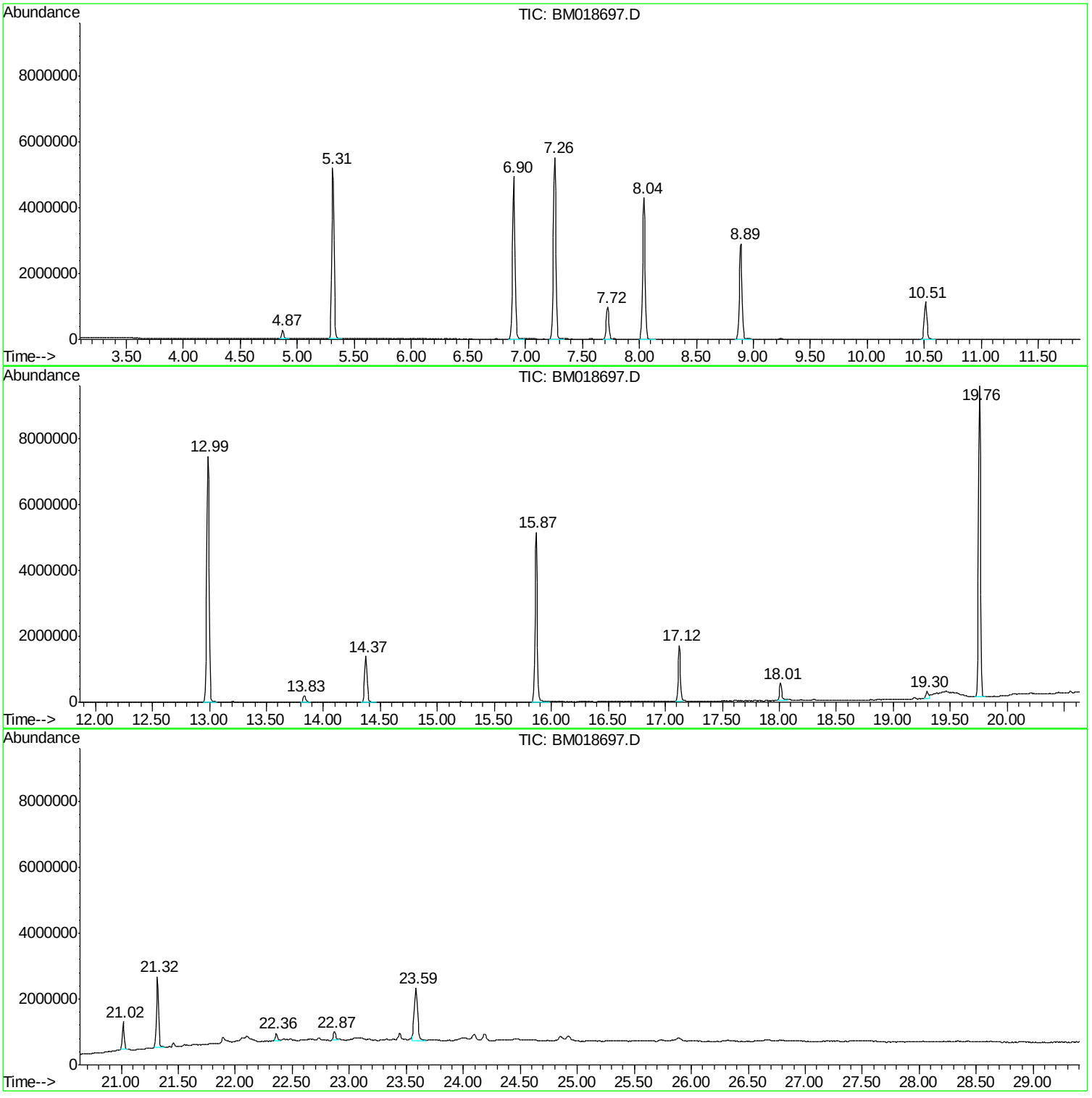
Instrument : BNA_M
ClientSampleId : TP-8-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
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Acq On : 30 Jan 2019 16:00
Operator : JU/SJ
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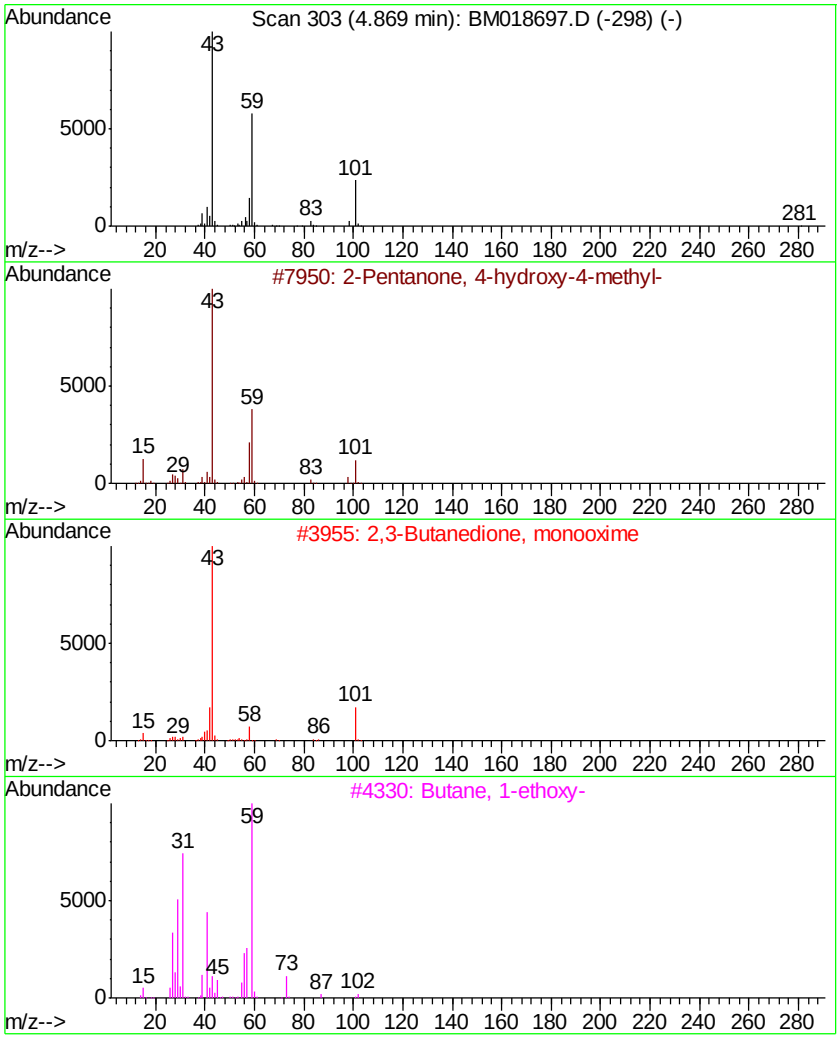
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

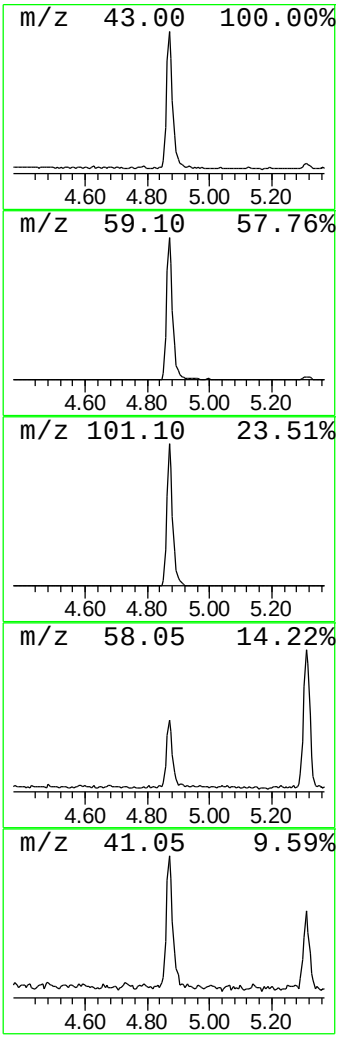
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	4.96 ng	371481	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Operator : JU/SJ
Sample : K1282-29
Misc :
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Instrument : BNA_M
ClientSampleId : TP-8-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

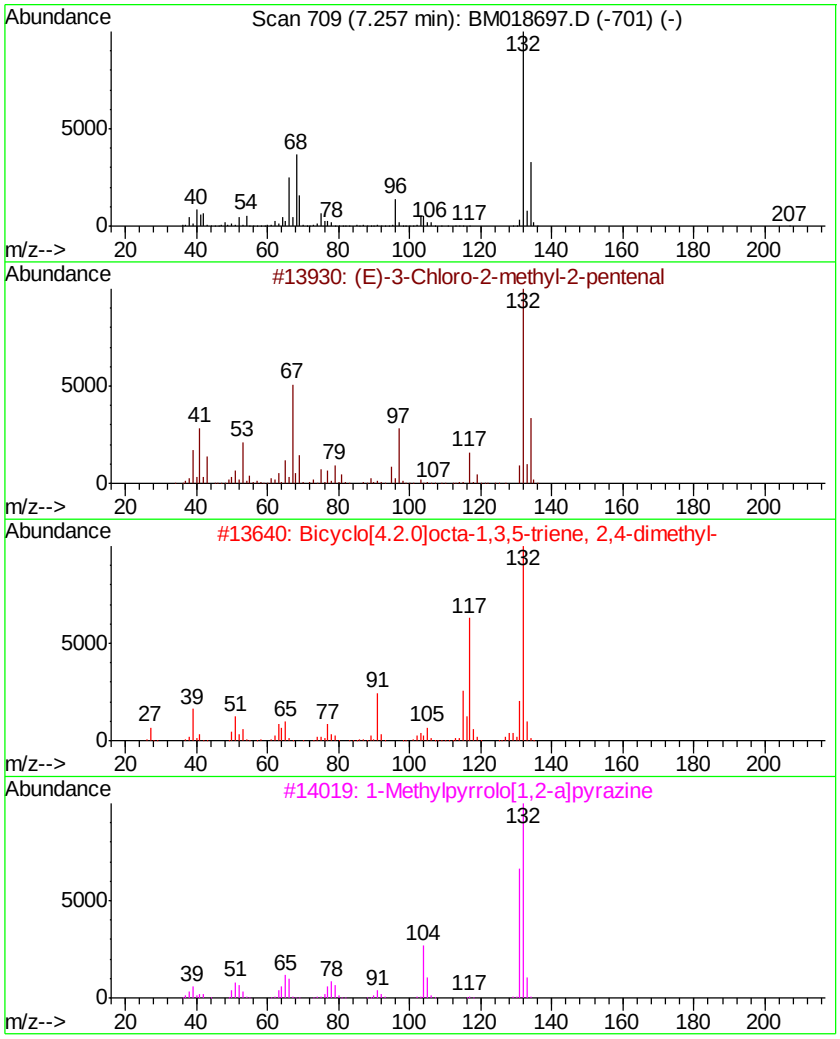
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

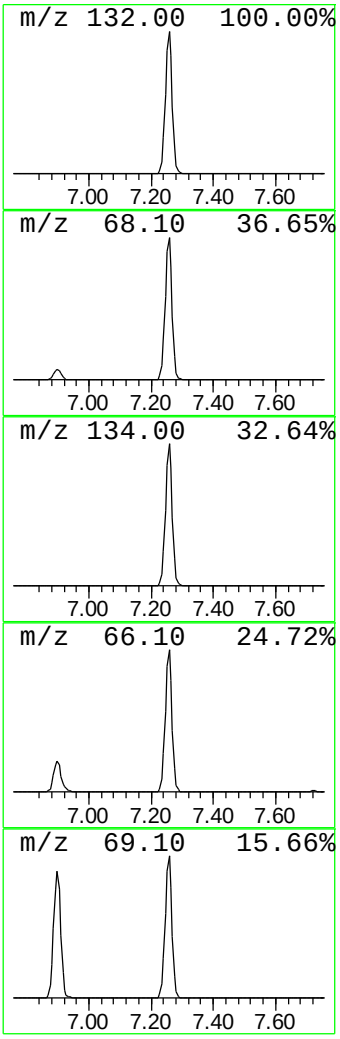
****

Peak Number 2 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	113.68 ng	8517130	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Data File : BM018697.D
Acq On : 30 Jan 2019 16:00
Operator : JU/SJ
Sample : K1282-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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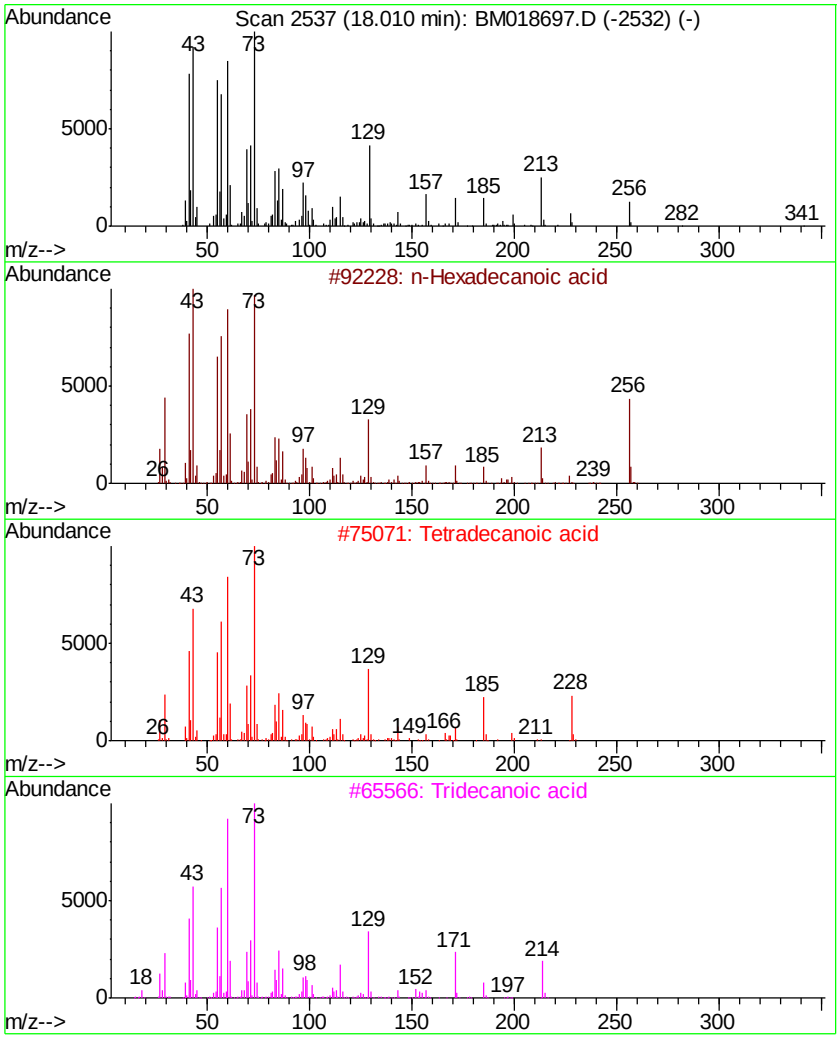
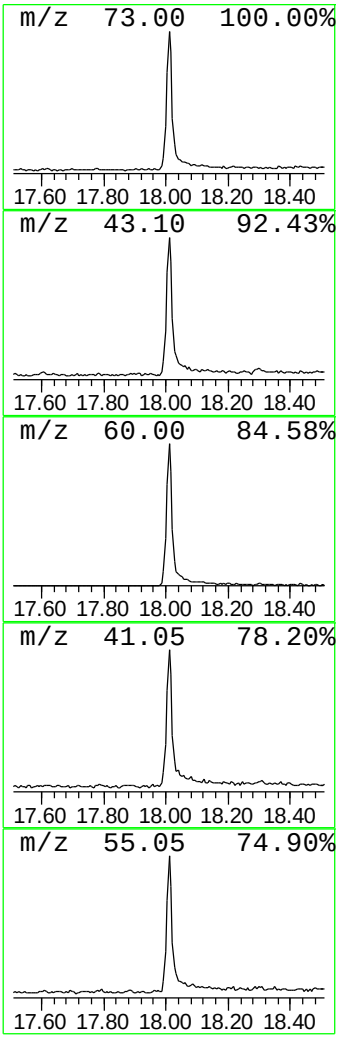
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	6.89 ng	811842	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
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Acq On : 30 Jan 2019 16:00
Operator : JU/SJ
Sample : K1282-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
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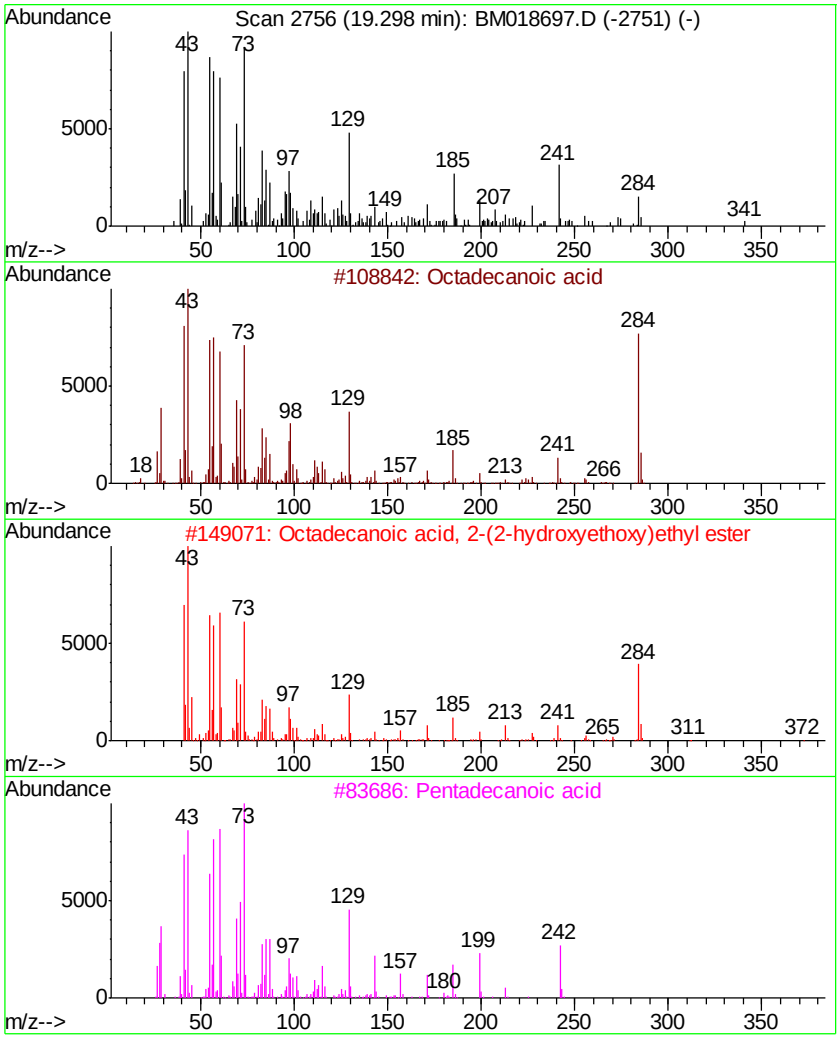
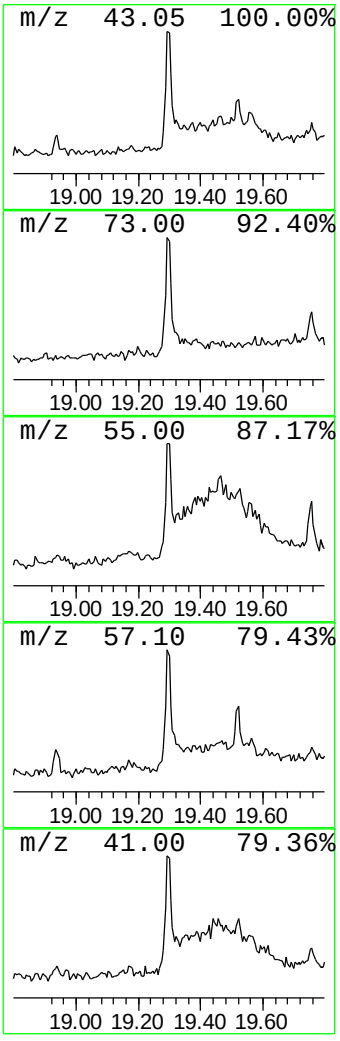
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.39 ng	329230	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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Instrument : BNA_M
ClientSampleId : TP-8-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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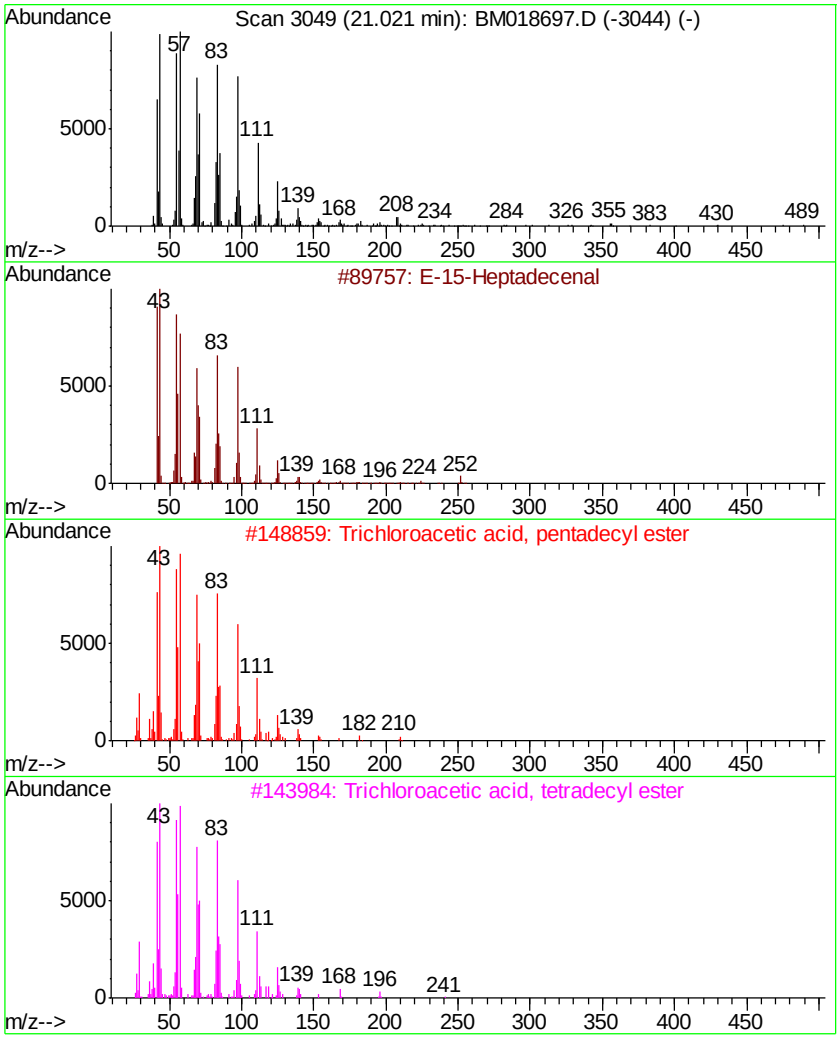
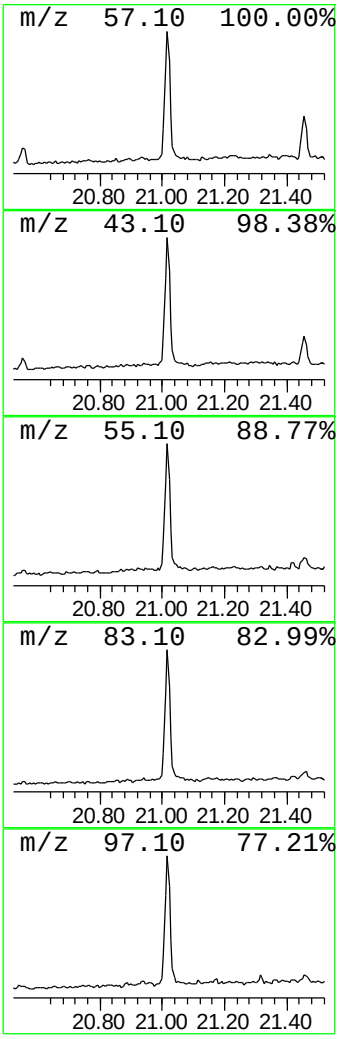
****

Peak Number 6 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	7.08 ng	974256	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	1-Octadecanol	270	C18H38O	000112-92-5	90





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Instrument : BNA_M
ClientSampleId : TP-8-AB

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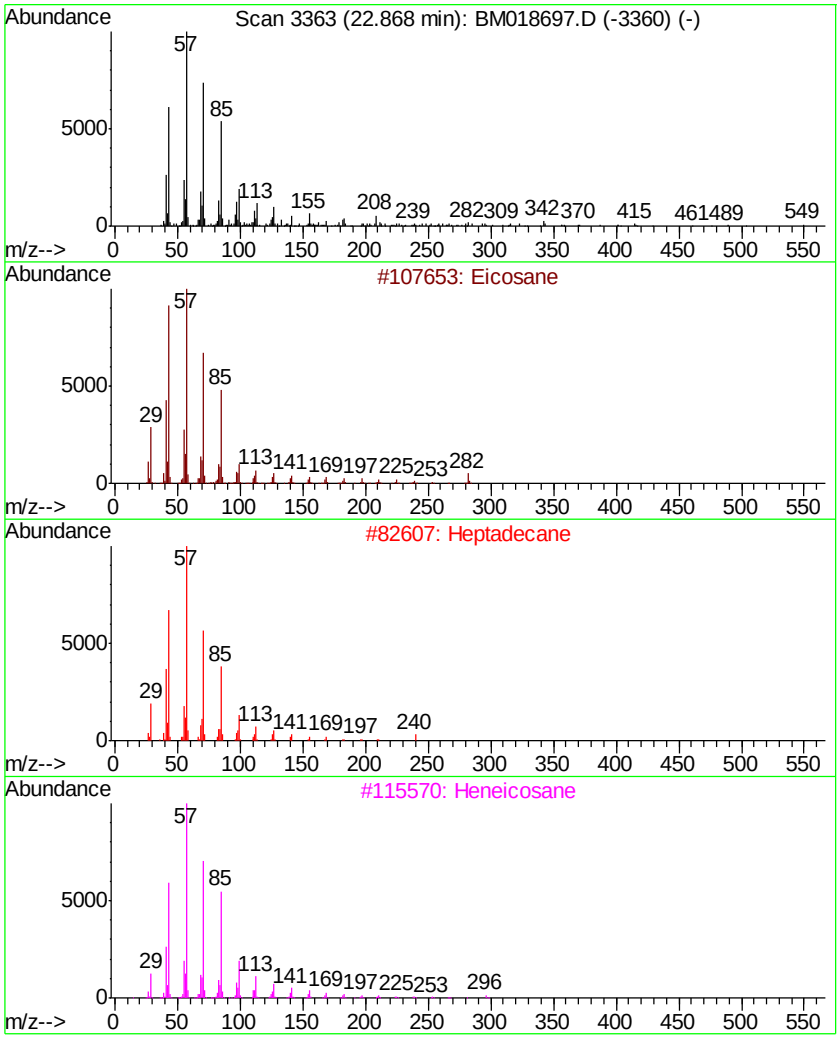
TIC Integration Parameters: LSCINT.P

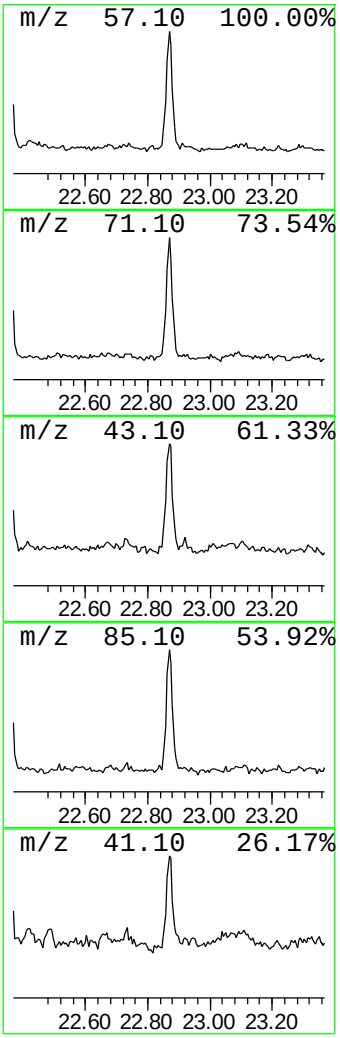
****

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.03 ng	330467	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.87	5.0	ng	371481	1	7.72	1498480	20.0
unknown7.26	7.26	113.7	ng	8517130	1	7.72	1498480	20.0
n-Hexadecanoic acid	18.01	6.9	ng	811842	4	17.12	2355390	20.0
Octadecanoic acid	19.30	2.4	ng	329230	5	21.32	2751270	20.0
E-15-Heptadecenal	21.02	7.1	ng	974256	5	21.32	2751270	20.0
Eicosane	22.87	2.0	ng	330467	6	23.59	3252340	20.0